420-411-VA Assignment - 01

Building a PHP (m)VC Web Application

Before you can build a complete database-driven Web application, you need to understand how MVC Web applications work, how controllers are invoked, how these call views and how views can provide correct URLs for navigation.

In this assignment, you will build a PHP MVC Web application which will not interact with databases. In other words, we will skip the whole Model aspect of MVC for now and come back to it once you understand the important fundamentals that are the objectives of this assignment.

Instructions:

In teams of 2, build a PHP MVC Web application by using the code framework that we built together in class tutorials. The MVC application will have the following views at the following URLs:

1. localhost/Main/Home -> website landing page

2. localhost/Main/Timeline -> timeline information about the project

3. localhost/Contact/About -> description and the list of features of the project

4. localhost/Contact/Contactus -> contact information about the students in the team and a contact form

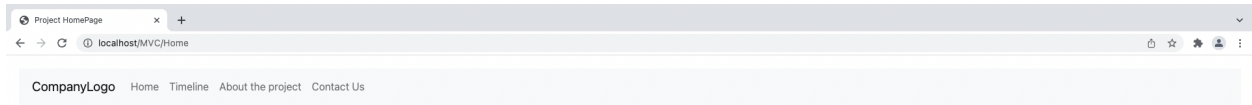All views will be written in php files that you will organize in the views subfolder under the app folder.

Requirements:

1. Follow the instructions on https://getbootstrap.com/ to include the Bootstrap framework in all
   your views using the jsDelivr CDN (Content Delivery Network). You will include the CSS
   (Cascading Style Sheets) and JavaScript in every HTML view.

2. Each page will have a full navigation menu to all the other pages.

Submission Instructions:

Submit your completed assignment on Omnivox/Lea in the appropriate assignment submission box no later than the due date: Sunday February 13.

Screenshots for reference:

Project HomePage × +

← → C ⓘ localhost/MVC/Home

CompanyLogo   Home   Timeline   About the project   Contact Us
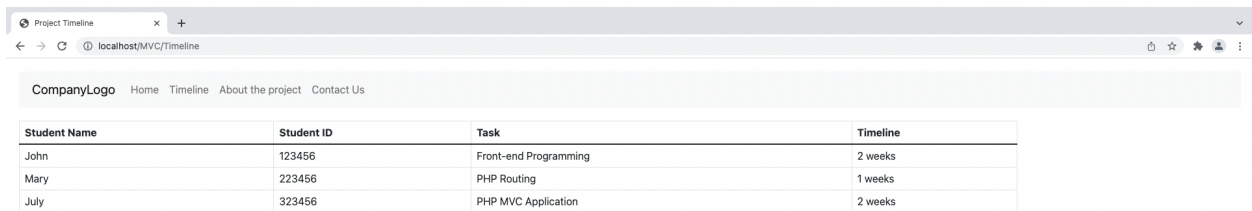
Term Project (LIA): 420-411-VA
This project is a PHP ECommerce Web App

[Learn more]

Project Proposal

A project proposal is a written document outlining everything stakeholders should know about a project, including the timeline, budget, objectives, and goals. Your project proposal should summarize your project details and sell your idea, so stakeholders buy in to the initiative. For this specific project the stakeholders are your teacher and your team and the timeline is outlined below in the grading scheme. You have to define your budgeted work hours, as well as objectives and goals. In teams of 2 you will write a Markdown document stored in your GitHub repository with the following contents:

- Name of your team
- Name of the team members
- A description of the clientele, the general goal of the project, and a list of all the features that will be supported by your final Web application. For each student in the team, there must be a total of 10 new features written. A new feature excludes the features that were completely coded in class with your teacher, e.g. login, logout, registration, 2-factor authentication.
- An estimate of the number of hours you will spend implementing this Web application.

Project Timeline × +

← → C ⓘ localhost/MVC/Timeline

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Student Name	Student ID	Task	Timeline
John	123456	Front-end Programming	2 weeks
Mary	223456	PHP Routing	1 weeks
July	323456	PHP MVC Application	2 weeks

localhost/MVC/Aboutus

CompanyLogo   Home   Timeline   About the project   Contact Us

Feature #1	⌄
Feature #2	⌄
Feature #3	⌄

Contact

localhost/MVC/Contactus

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Contact us

Do you have any questions? Please do not hesitate to contact us directly. Our team will come back to you within a matter of hours to help you.

Your name

Your email

Subject

Your message

Send

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